

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 01891002707

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	01890110
FIRM NAME			DATE ISSUED
AMERICAN CYANIMID CO			12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
SOUTH CHERRY STREET		WALLINGFORD CT 06492	
COMMISSIONER OR HIS REPRESENTATIVE			

DEPARTMENT OF ENVIRONMENTAL PROTECTION

HEATING EQUIPMENT REGISTRATION

189-27-110-07

STATE OF CONNECTICUT

no change

FORM 5-72

Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115. Tel. 566-2690

1. APPLICATION NO. Y-8	2. STACK NO. 21
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3. FIRM American Cyanamid Company	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) South Cherry Street Wallingford, Conn. 06492	PHONE 269-4481
4. DIVISION Industrial Chemicals & Plastics			
5. APPLICANT R. J. McCaw			
6. INSTALLATION	T		
7. EQUIPMENT BEING REGISTERED Boiler #3	TYPE OF EQUIPMENT (e.g., Boiler)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

8. MAJOR ACTIVITY OF FIRM

MFG. OFFICE RETAIL OR WHLSE. STORE SCHOOL OR CHURCH HOTEL/MOTEL HOSPITAL OR LAB. WAREHOUSE RESIDENCE OR APTS. OTHER (Specify)

9. TYPES OF FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, Gals. or Cu. Ft.)	MAXIMUM FIRING RATE		SEASONAL USE			FUEL SUPPLIER		
						(Lbs., Gals., Cu. Ft./hr.)	(BTU/hr.)	Month	to	Month	Name	City or Town	
COAL <input type="checkbox"/>	Bituminous		. %	. %									
		Anthracite	. %	. %									
	OIL <input checked="" type="checkbox"/>	Kerosene	2	. %	. %								
			4	. %	. %								
			5	. %	. %								
			6	x 0.5 %	0.03 %	2,800,000 gal	590 gals	87,000,000	Jan		Dec	Wyatt,	New Haven,
NAT. GAS <input type="checkbox"/>				2,500,000 gal	1977 consumption					T.A.D. Jones	Conn.		
OTHER <input type="checkbox"/>													

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: 100-160 °F

BURNER MANUFACTURER: Peabody

BURNER MODEL No.: Type AL Wide Range

11. TYPE OF COAL BURNER

HAND FIRED UNDERFEED STOKER TRAVELING GRATE CHAIN GRATE SPREADER STOKER STOKER WITH GAS REINJECTION CYCLONE FURNACE PULVERIZED COAL OTHER (Specify)

12. TYPE OF OIL BURNER

PRESSURE OR GUN ROTARY CUP STEAM ATOMIZER AIR ATOMIZER TANGENTIALLY FIRED OTHER (Specify)

13. COMBUSTION

OVERFIRE AIR CONTROL: YES NO

TYPE OF DRAFT: FORCED INDUCED NATURAL

OTHER (Specify) 3-element

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	15. EQUIPMENT INFORMATION	
				BREACHING GAS TEMPERATURE (°F)	No. OF IDENTICAL UNITS
Particulate		3.2	.03 Ash	500	
Sulfur Dioxide		110	78.5#/1000 gals		
Sulfur Trioxide		1.4	1#/1000 emission		
Carbon Monoxide		2.8	.2#/1000 factors		
Nitrogen Oxide		70	50#/1000		
				DATE SOURCE STARTED UP	
				1947	
				EXHAUST GAS FLOW RATE (ACFM):	
				NORMAL: 35,000	MAXIMUM: 37,000
				OPERATING HOURS: 24 HOURS PER DAY	8,500 HOURS PER YEAR

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. 42 in. OR in. X in.

STACK HEIGHT (Feet): 69

IS STACK EQUIPPED WITH RAIN HAT? YES NO

SMOKE INDICATOR IN STACK: YES NO

MAKE AND MODEL NO.: Bailey Bolometer

STACK LINING: METAL REFRACTORY OTHER (Specify)

17. STACK LOCATION

Name of nearest intersecting street: Ball Street

Distance to stack from intersection: 2300 FT.

DIRECTION TO STACK: (Circle one) N, NE, E, SE, (S) SW, W, NW

18. CERTIFICATION

I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subjects signer to provisions of the General Statutes regarding false and misleading statements).

SIGNED: *R. J. McCaw*

TITLE: Plant Manager

X = 576,400 Y = 221,700

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCVD FROM APPLICANT 08/18/88

DATE REVIEWED BY

DATE COPY SENT TO LOCAL AGENCY BY

REGISTRATION NUMBER 187-0110 X

PREMISE NO. 189-027

STACK NO. 07

STATE GRID CO-ORDINATES

X 515800
Y 219600 Z = 40

REGISTRATION CARD SENT STORED ON COMPUTER

DATE BY

EMERGENCY STANDBY PLANS

PLAN REQUIRED YES NO

DATE PLAN - MANUAL SENT TO APPLICANT BY

DATE FORM RETURNED BY

DATE PLAN APPROVED BY

Handwritten signature